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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Yokouchi et al. )  
App. No. : 10/007,054 )  
Filed : December 3, 2001 )  
For : WAFER OXIDATION REACTOR )  
AND A METHOD FOR FORMING A )  
SEMICONDUCTOR DEVICE )  
Examiner : Unknown )

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TECHNOLOGY CENTER 2800

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

United States Patent and Trademark Office  
P.O. Box 2327, Arlington, VA 22202

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and

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revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

Dated: February 26, 2002

THE FURUKAWA ELECTRIC Co., Ltd.

By 

Junnosuke Furukawa

Title: President

Address: 6-1, Marunouchi 2-chome, Chiyoda-ku,  
Tokyo 100-8322 Japan

S:\DOCS\RMJ\RMJ-1212.DOC  
020102

COPY

PATENT

ASSIGNMENT

DO NOT RECORD

WHEREAS, I/WE (1) Noriyuki YOKOUCHI,

a Japanese citizen, residing at Tokyo, Japan

(2) Natsumi UEDA

a Japanese citizen, residing at Tokyo, Japan

(3) Yasumasa SASAKI

a Japanese citizen, residing at Tokyo, Japan

(4) Fumio KOYAMA

a Japanese citizen, residing at Tokyo, Japan

(5) Kenichi IGA

a Japanese citizen, residing at Tokyo, Japan

(6)

a \_\_\_\_\_ citizen, residing at \_\_\_\_\_

(7)

a \_\_\_\_\_ citizen, residing at \_\_\_\_\_

(8)

a \_\_\_\_\_ citizen, residing at \_\_\_\_\_

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in WAFER OXIDATION REACTOR AND A METHOD

FOR FORMING A SEMICONDUCTOR DEVICE

the specification of which:

(a) ☐ is attached hereto; or

(b) ☒ was filed on December 3, 2001 as Application  
No. \_\_\_\_\_ or Express Mail No., as Application No. not  
yet known EL871276915US and was amended  
on \_\_\_\_\_ (if applicable); or

(c) ☐ was described and claimed in PCT International Application No.  
\_\_\_\_\_ filed on \_\_\_\_\_  
and as amended under PCT Article 19 on \_\_\_\_\_  
(if any) and/or under PCT Article 34 on \_\_\_\_\_ (if any).

AND WHEREAS, THE FURUKAWA ELECTRIC CO., LTD.,

with its principal place of business at 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 Japan  
(hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said  
improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby  
acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these  
presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and  
assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to  
and under said improvements, and any Patent Applications in the United States of America and all divisions,  
renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon  
and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor  
hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for  
said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this  
instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors,  
legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal  
proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths  
and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and  
enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

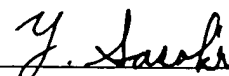
This 10th day of December, 20 01

  
Signature of Noriyuki YOKOUCHI

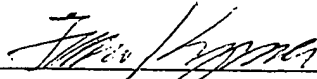
This 10th day of December, 20 01

Natsumi Ueda  
Signature of Natsumi UEDA

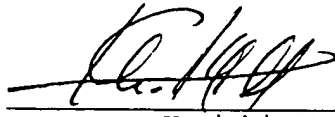
This 10th day of December, 2001

  
Signature of Yasumasa SASAKI

This 10th day of December, 20 01

  
Signature of Fumio KOYAMA

This 10th day of December, 20 01

  
Signature of Kenichi IGA

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

\_\_\_\_\_  
Signature of

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

\_\_\_\_\_  
Signature of

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

\_\_\_\_\_  
Signature of